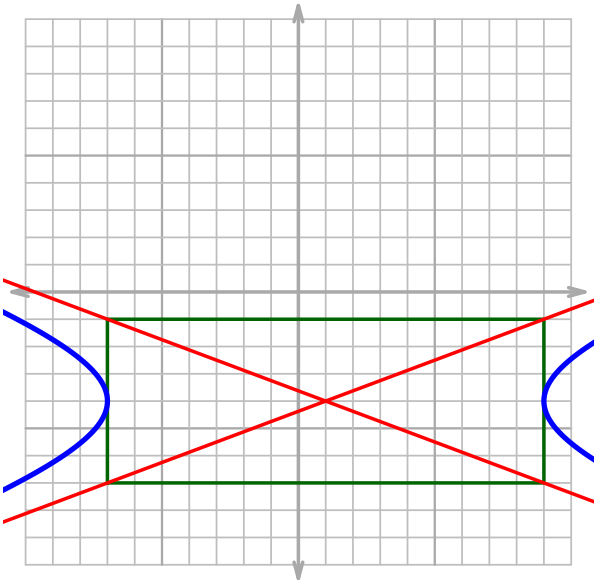
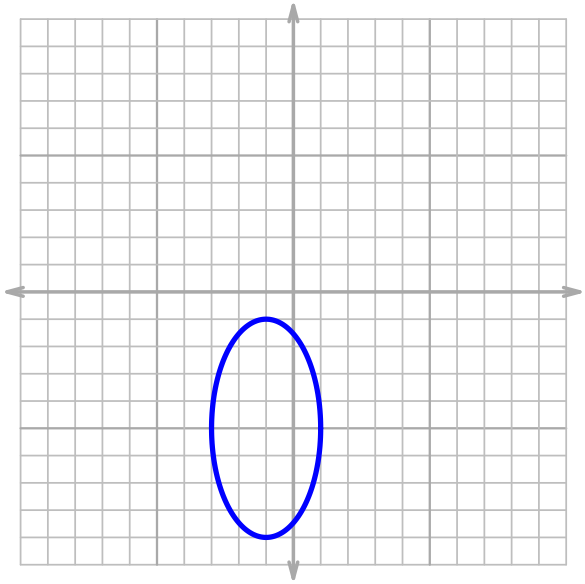
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



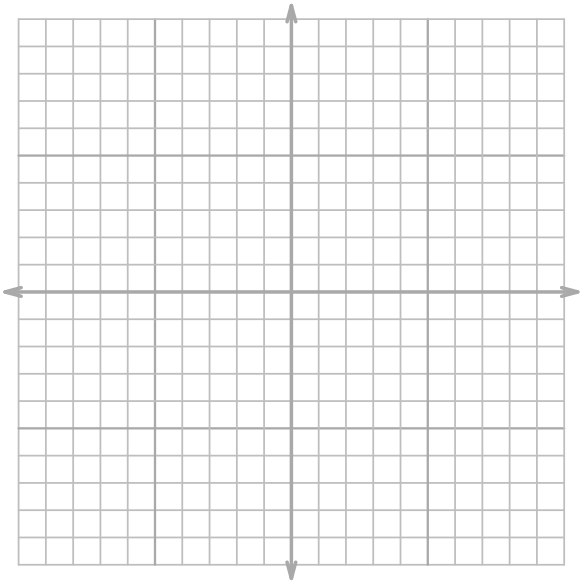
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

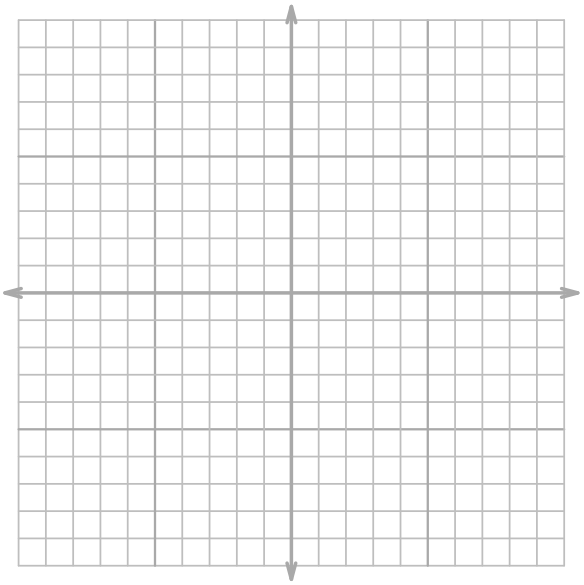
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{4} - \frac{(y+5)^2}{16} = 1$$

Question 4

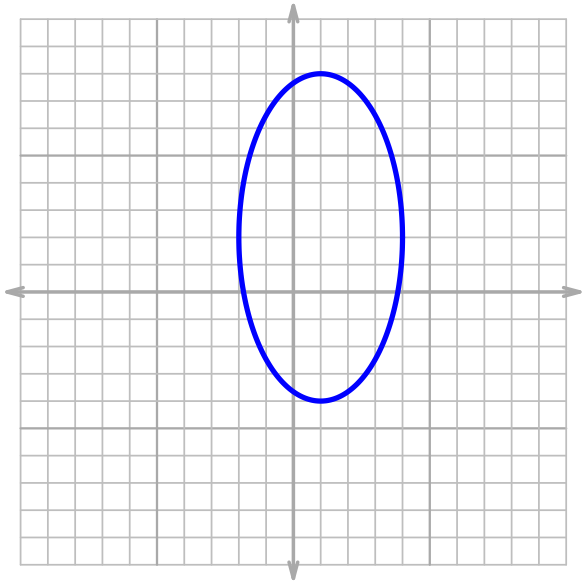
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-1)^2}{36} + \frac{(y-4)^2}{9} = 1$$

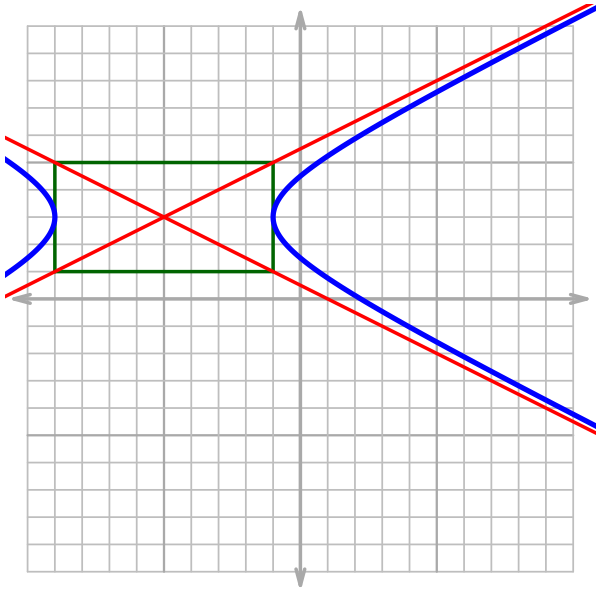
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



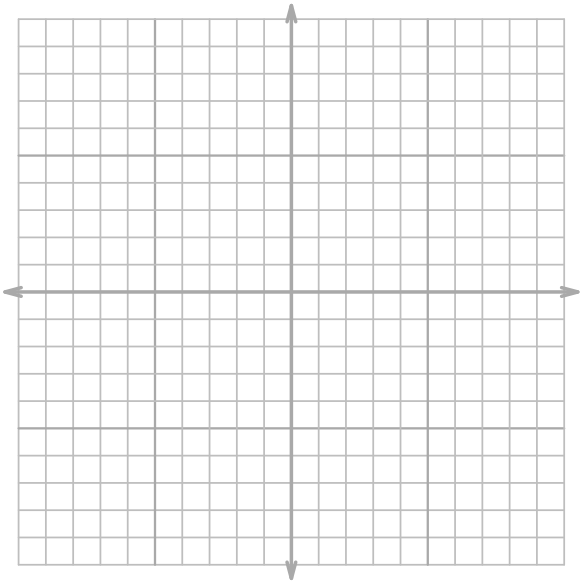
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

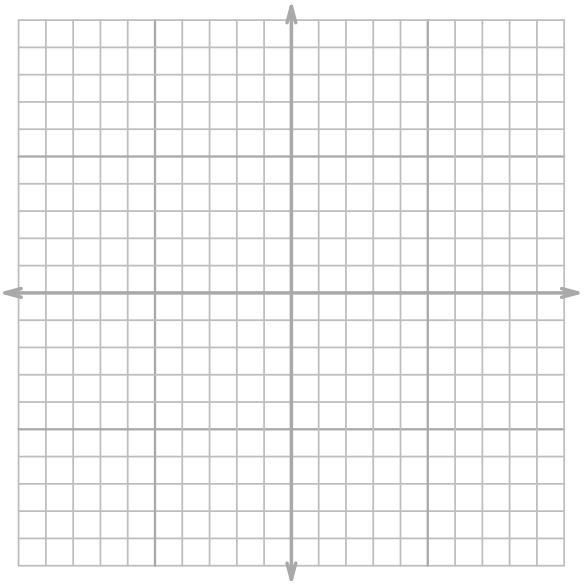
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-1)^2}{25} - \frac{(y+2)^2}{36} = 1$$

Question 4

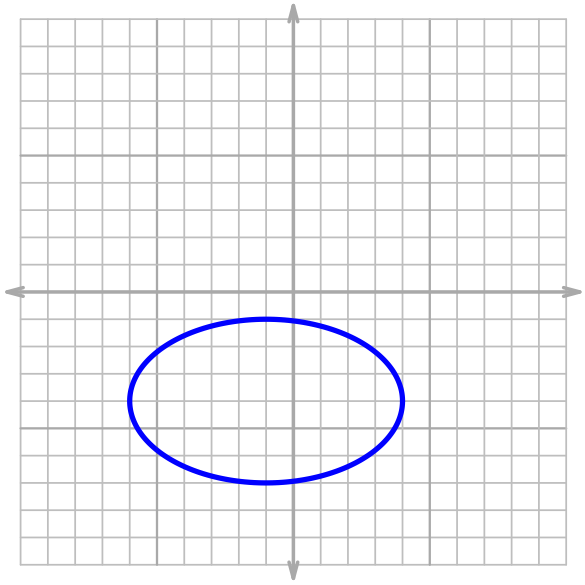
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-4)^2}{25} + \frac{(y-3)^2}{4} = 1$$

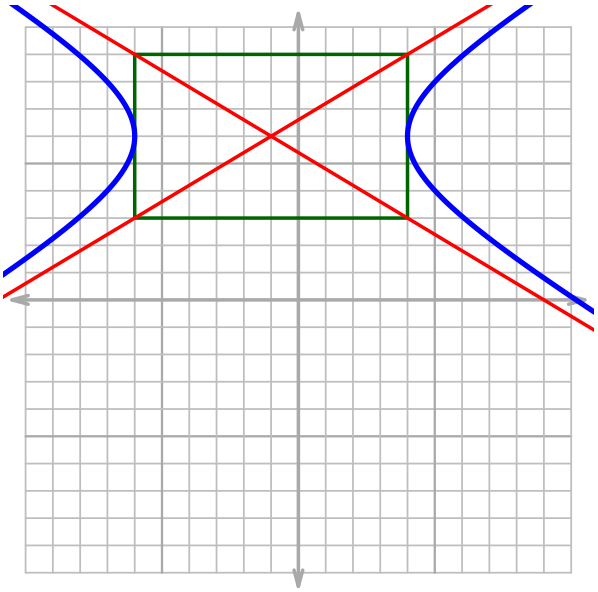
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



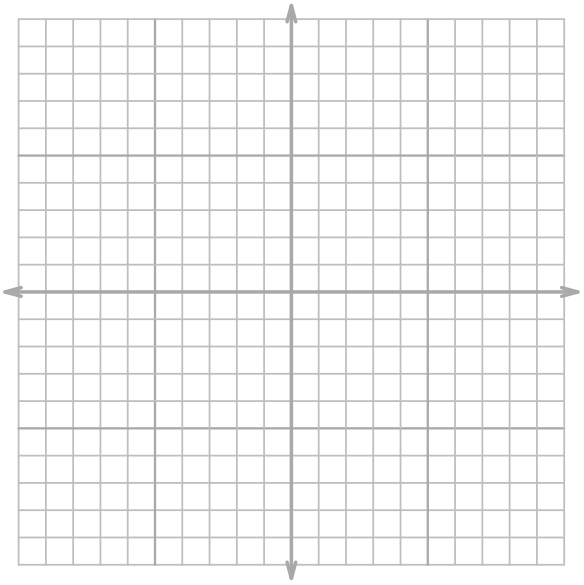
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

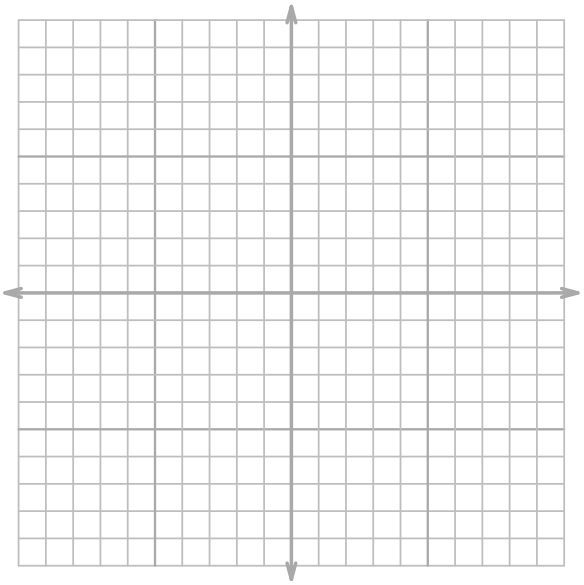
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-2)^2}{36}+\frac{(y+3)^2}{16}=1$$

Question 4

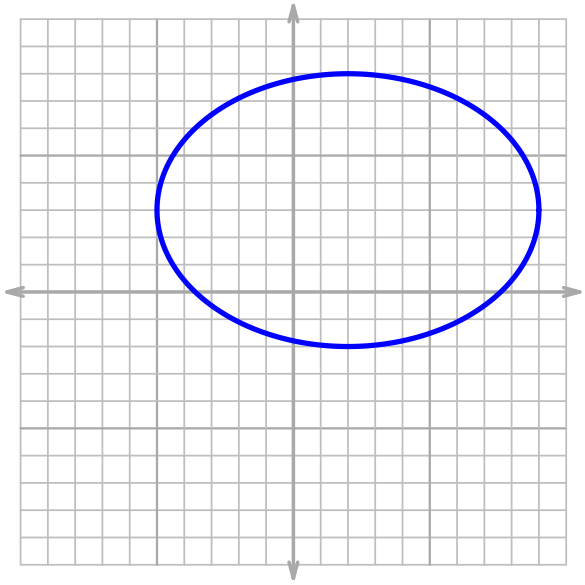
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-2)^2}{16}-\frac{(y-3)^2}{36}=1$$

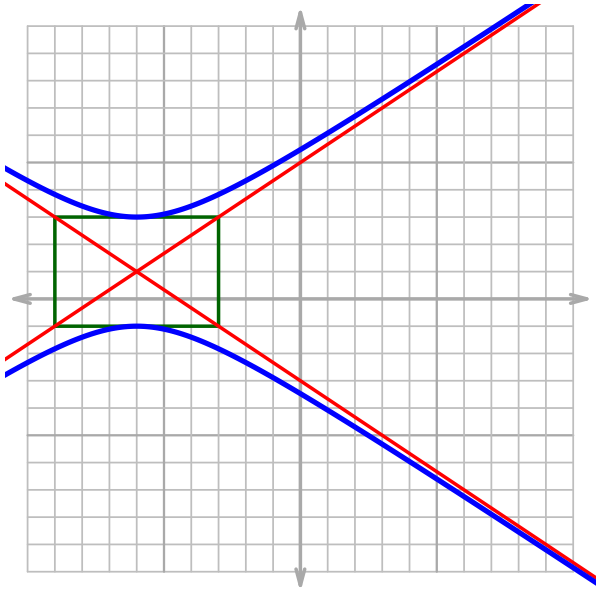
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



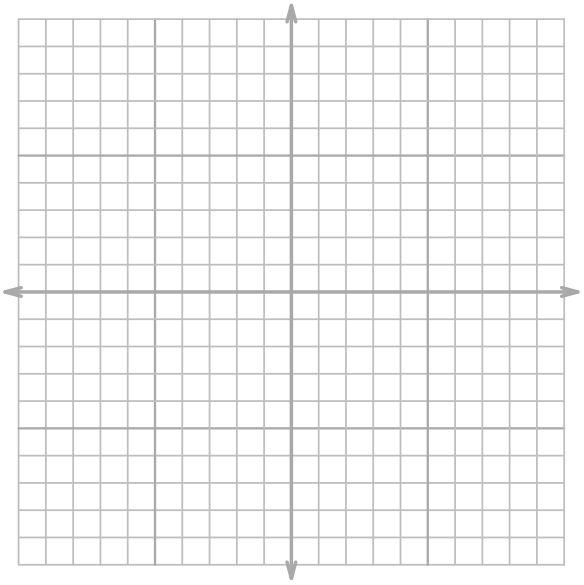
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

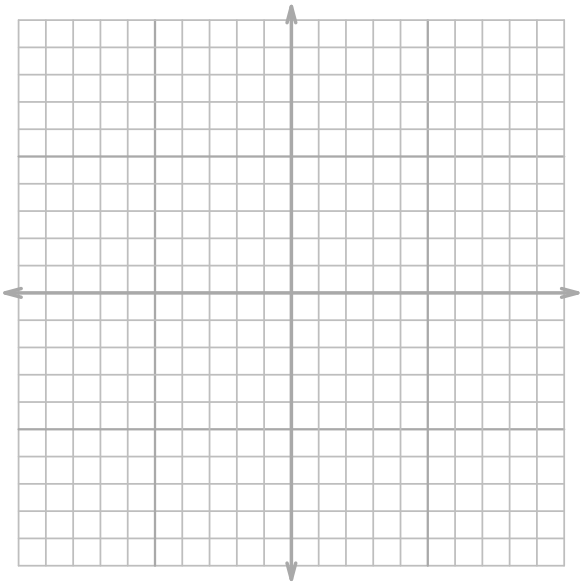
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x+4)^2}{25}+\frac{(y+1)^2}{36}=1$$

Question 4

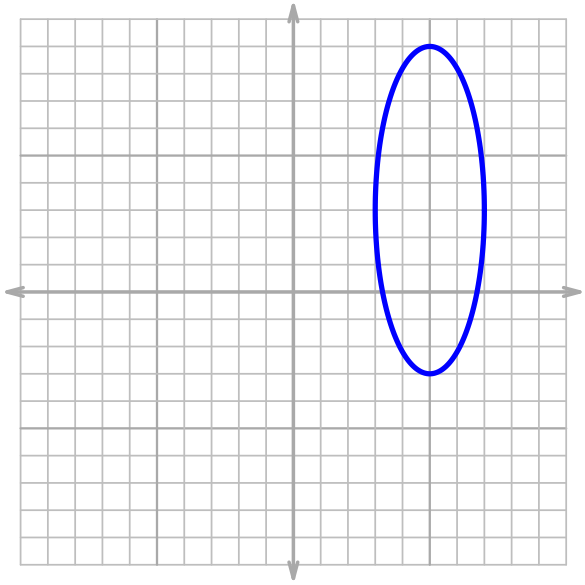
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{36}+\frac{(y+7)^2}{4}=1$$

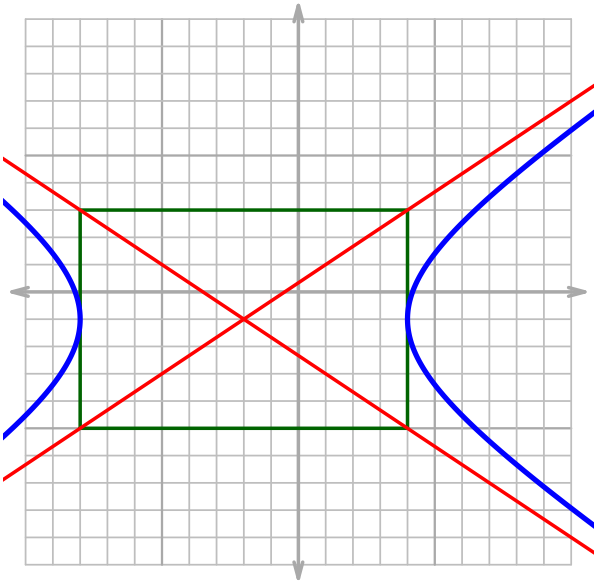
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



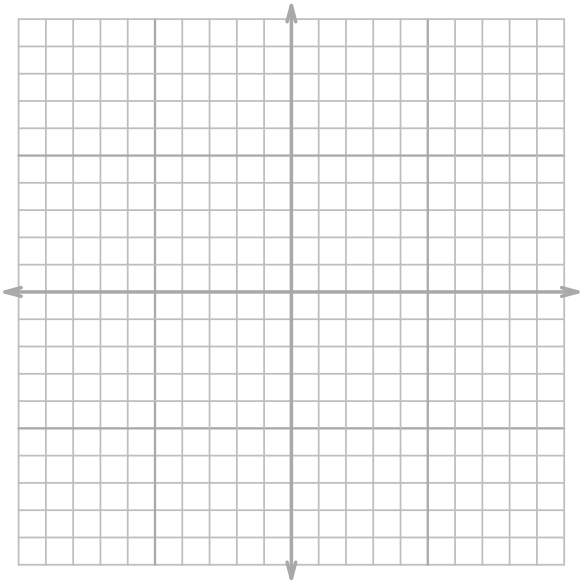
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

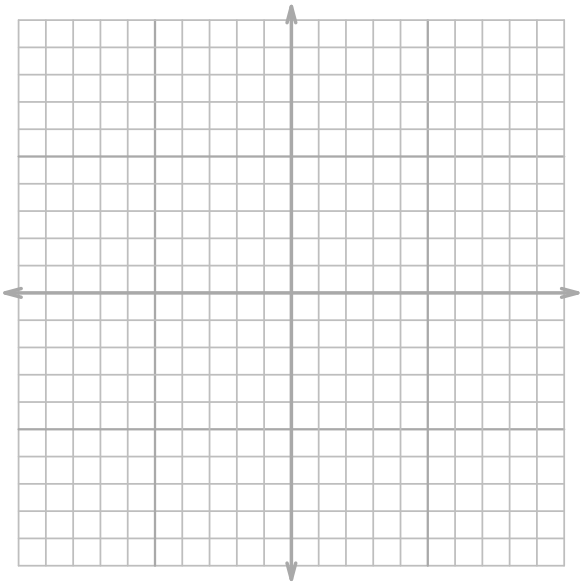
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+2)^2}{36}+\frac{(y+1)^2}{64}=1$$

Question 4

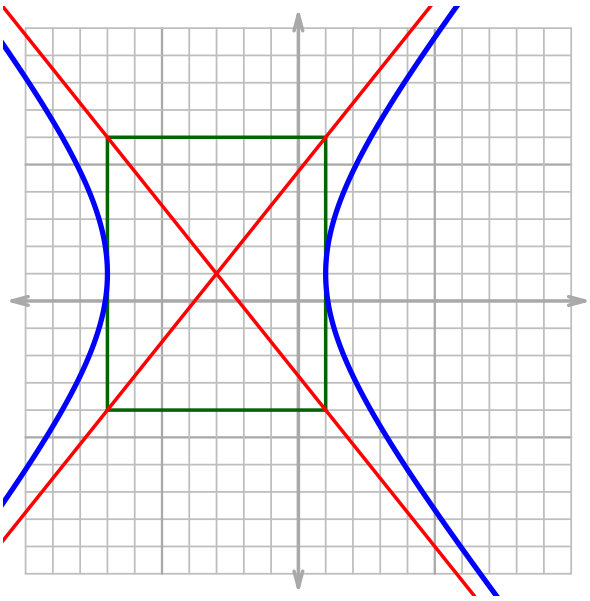
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-1)^2}{16}-\frac{(y-2)^2}{49}=1$$

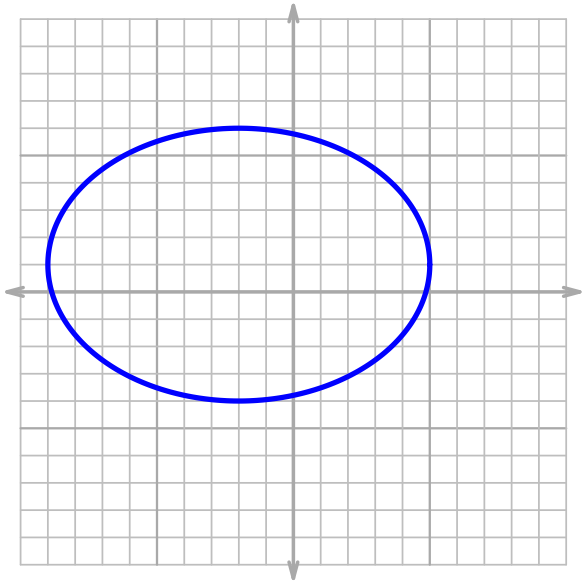
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



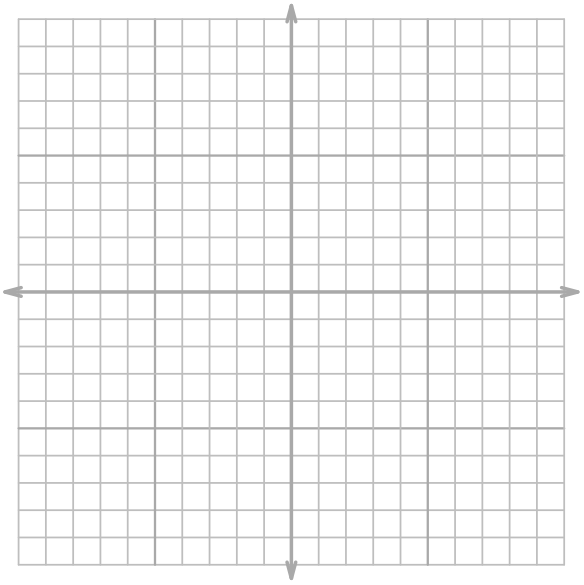
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

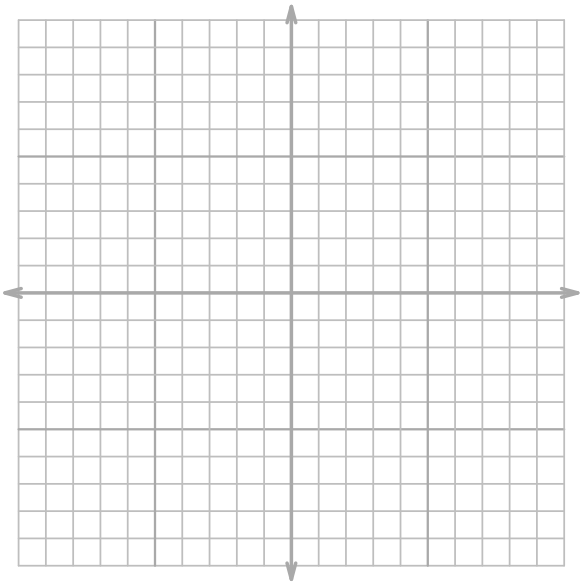
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-1)^2}{36}+\frac{(y-2)^2}{25}=1$$

Question 4

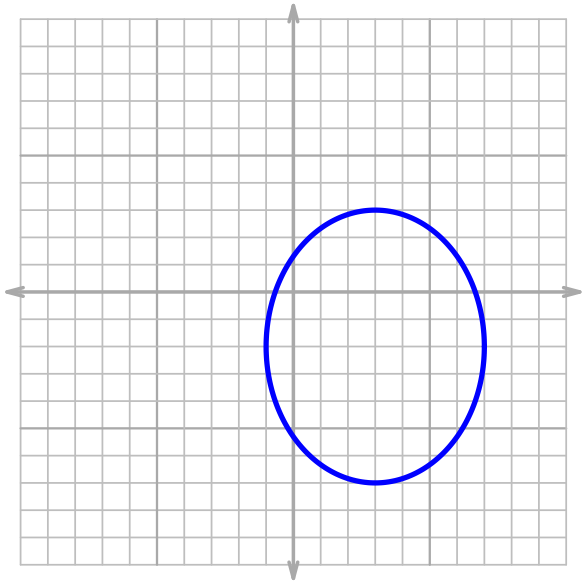
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-1)^2}{9}+\frac{(y-4)^2}{4}=1$$

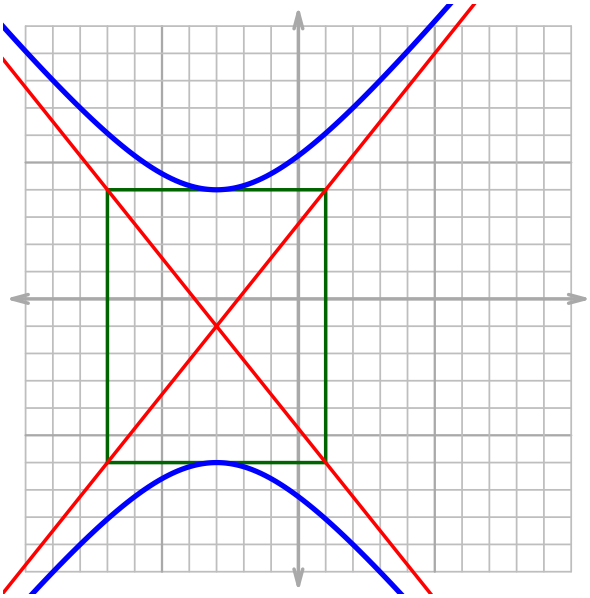
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



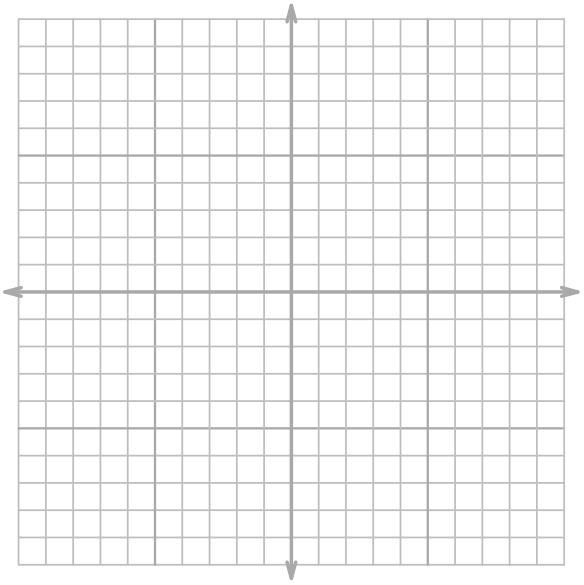
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

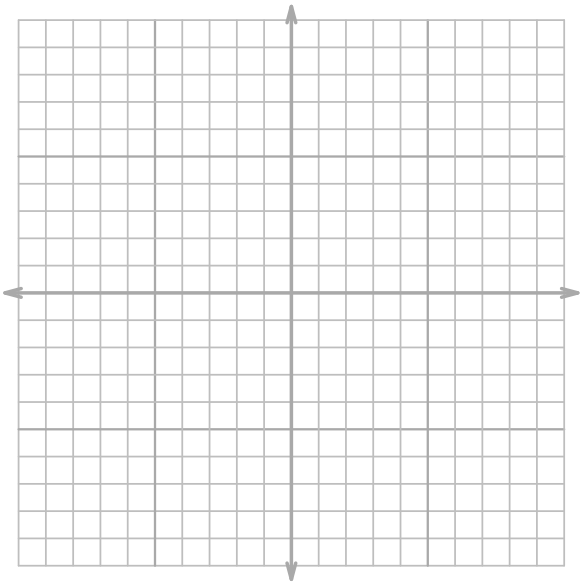
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-3)^2}{25}+\frac{(y+2)^2}{36}=1$$

Question 4

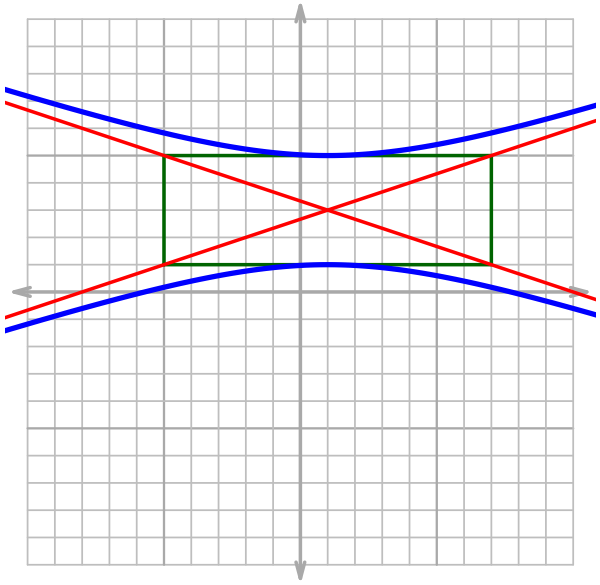
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x+5)^2}{9}+\frac{(y+4)^2}{4}=1$$

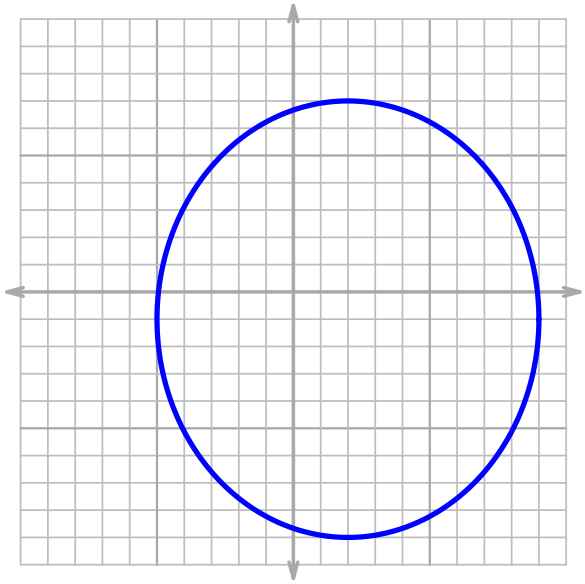
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



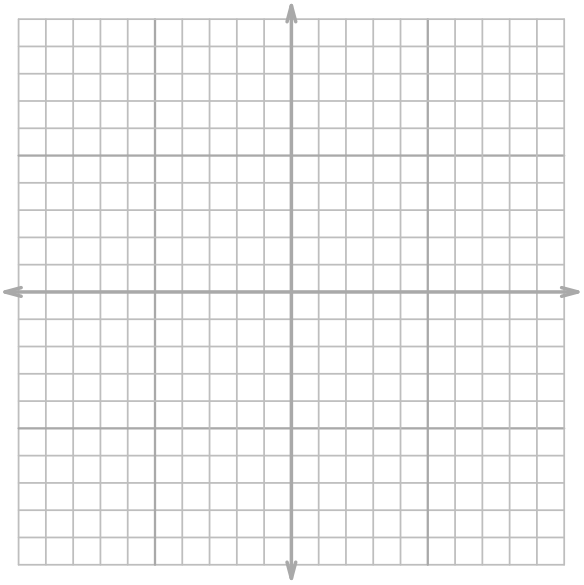
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

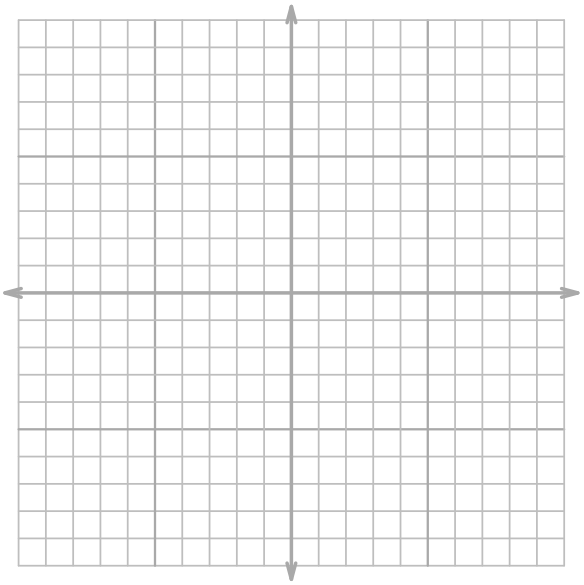
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-5)^2}{4}+\frac{(y+3)^2}{16}=1$$

Question 4

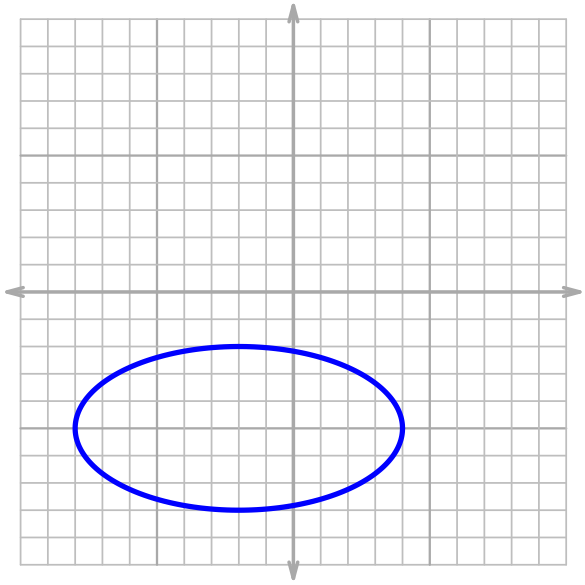
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+2)^2}{25}+\frac{(y+1)^2}{9}=1$$

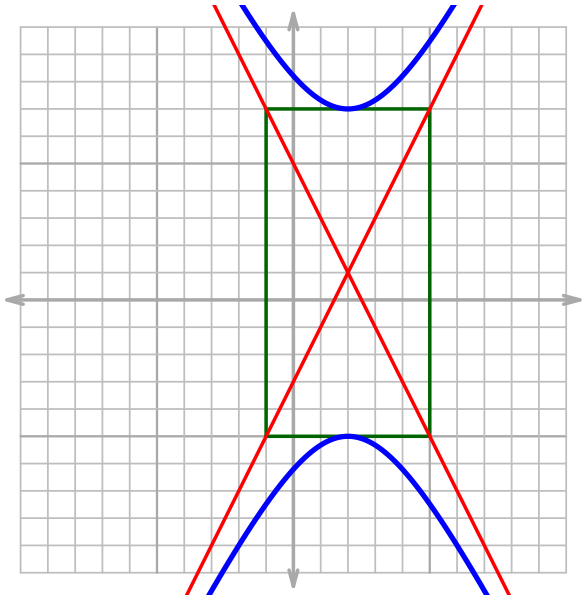
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



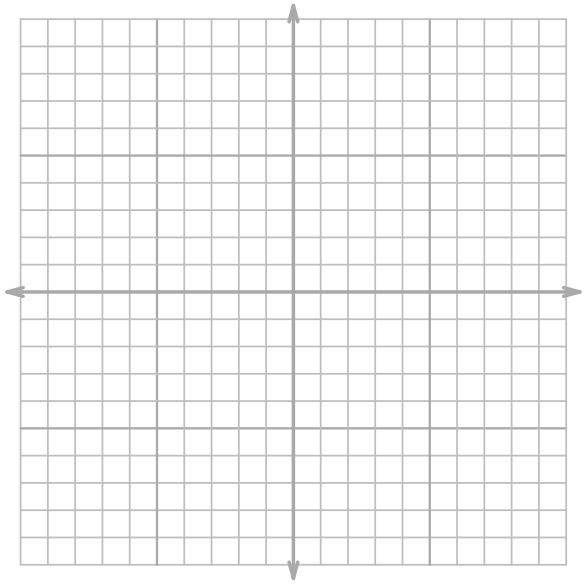
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

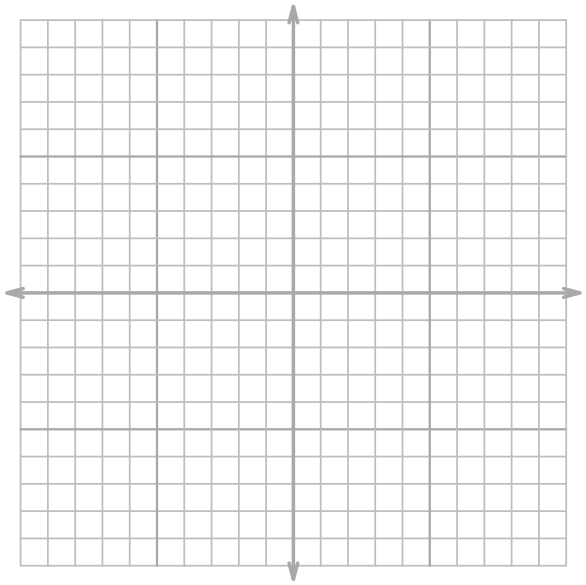
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-3)^2}{4}+\frac{(y-1)^2}{36}=1$$

Question 4

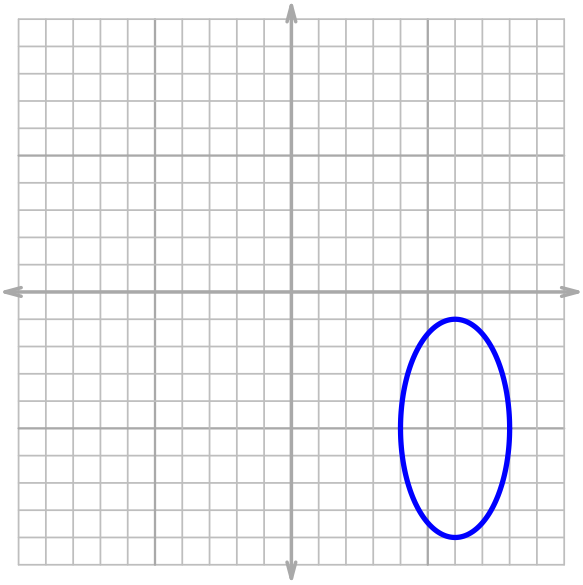
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{9}+\frac{(y-7)^2}{4}=1$$

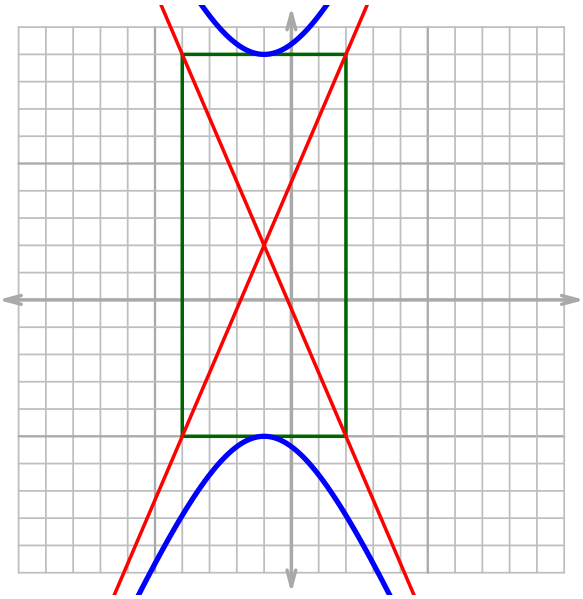
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



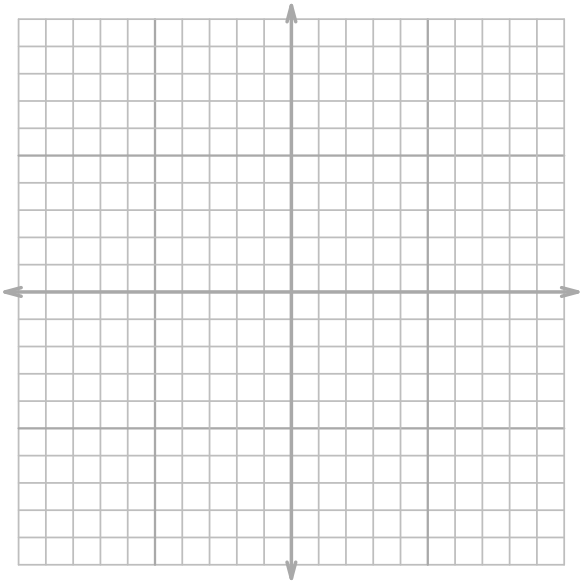
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

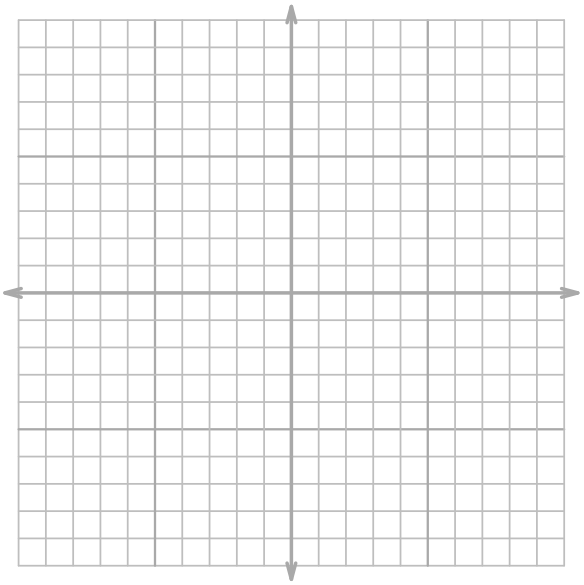
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+4)^2}{4} - \frac{(y-6)^2}{9} = 1$$

Question 4

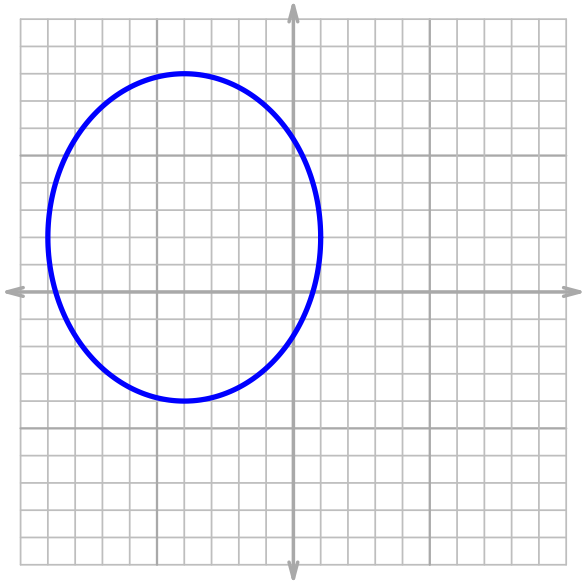
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{9} + \frac{(y-2)^2}{25} = 1$$

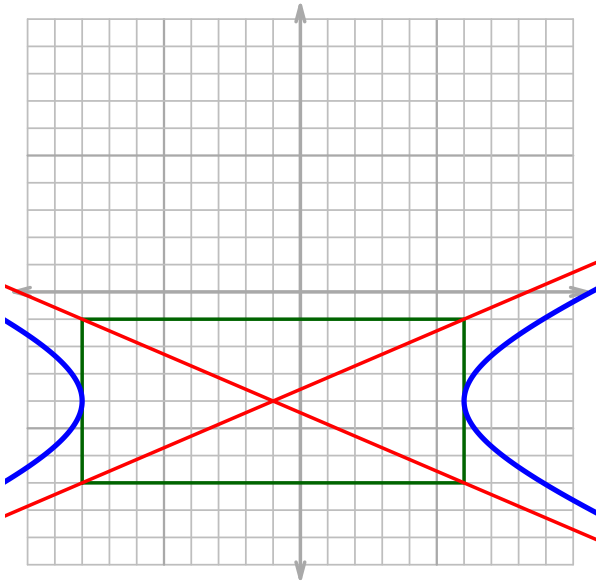
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



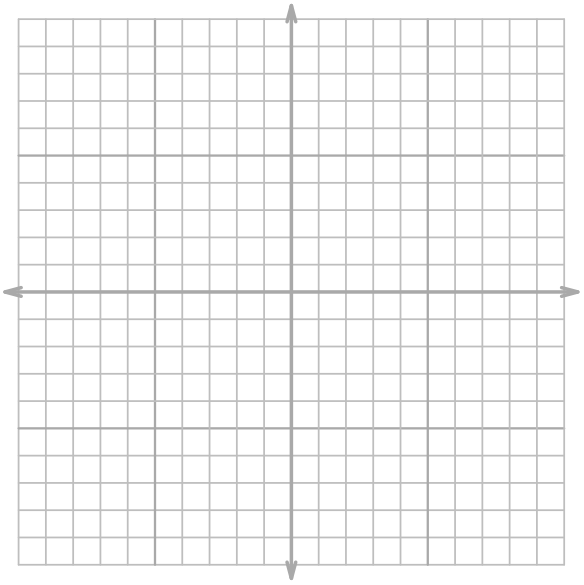
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

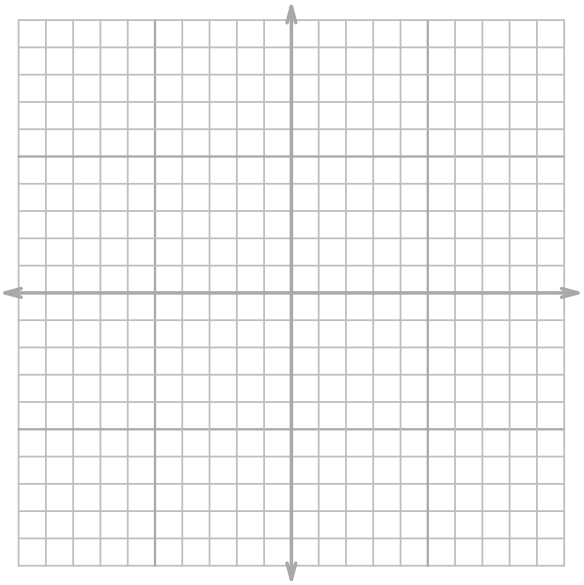
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+3)^2}{36}+\frac{(y+1)^2}{49}=1$$

Question 4

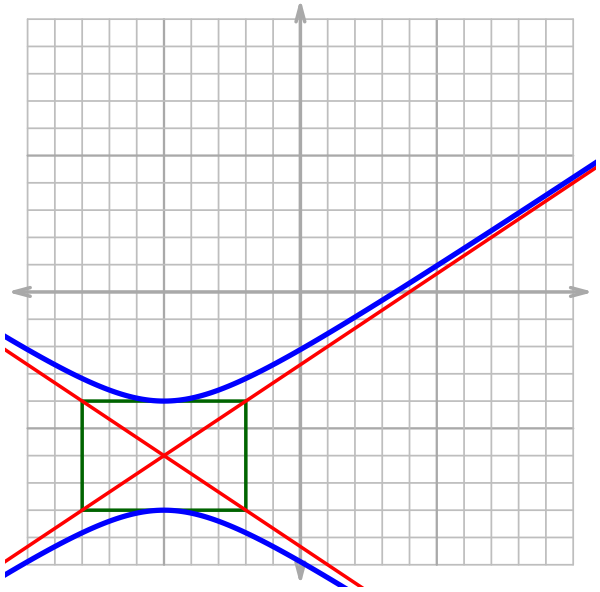
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-3)^2}{36}+\frac{(y-2)^2}{16}=1$$

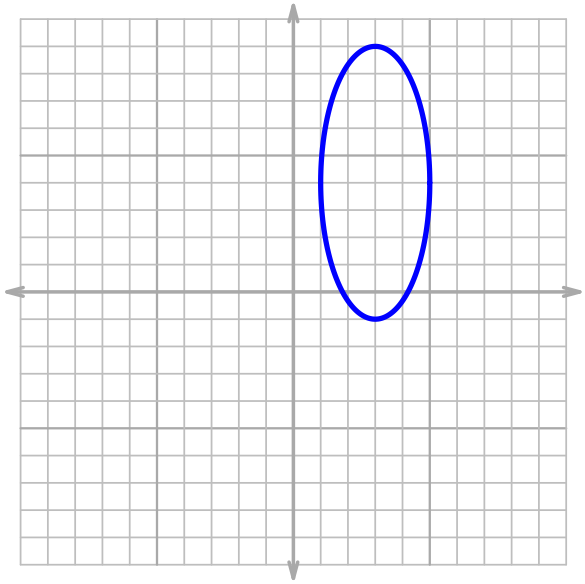
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



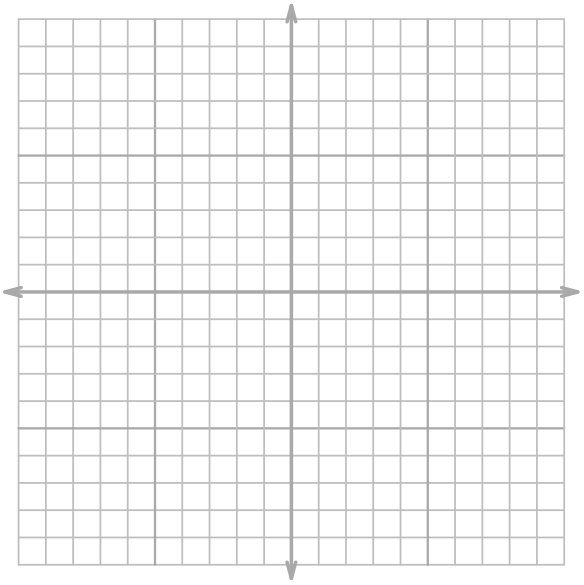
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

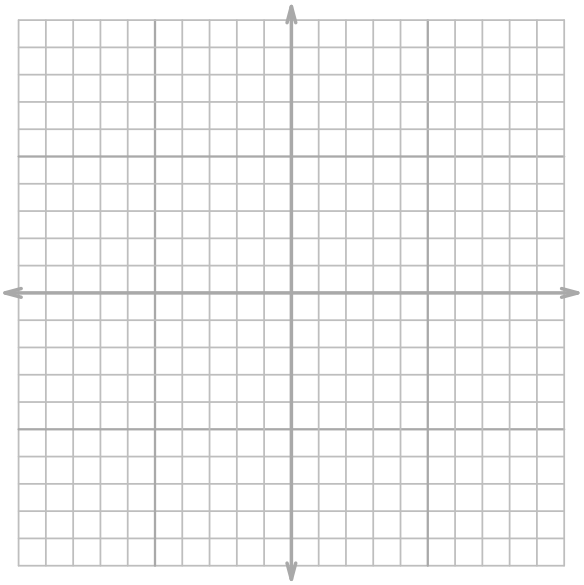
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x+4)^2}{9}+\frac{(y-1)^2}{36}=1$$

Question 4

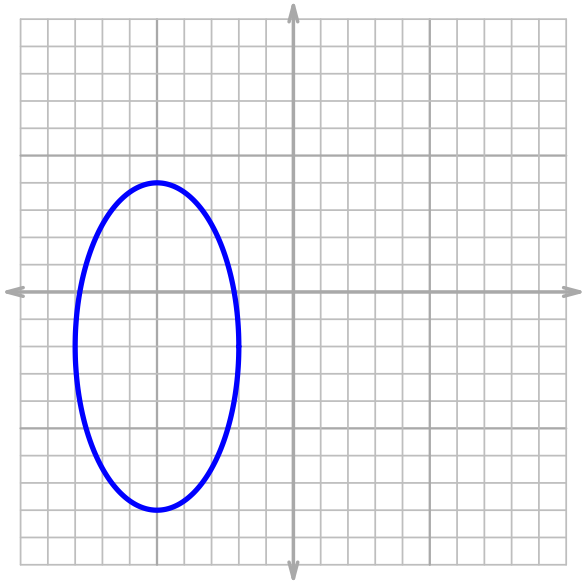
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-2)^2}{9}+\frac{(y-4)^2}{25}=1$$

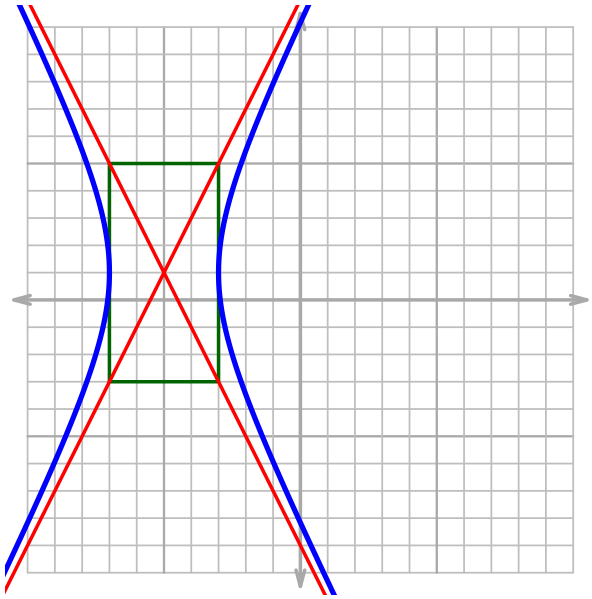
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



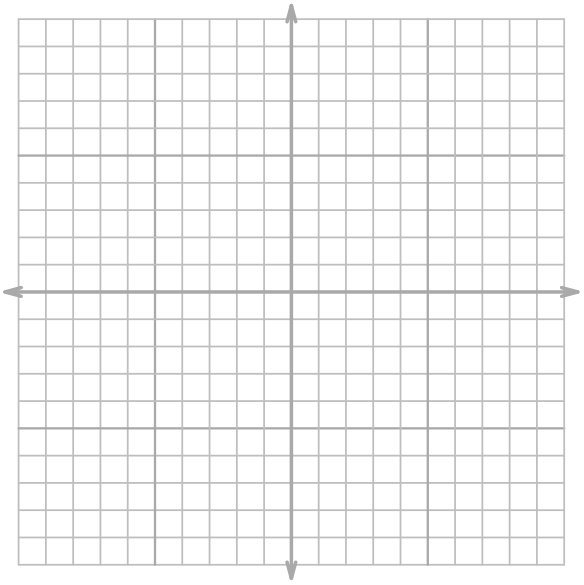
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

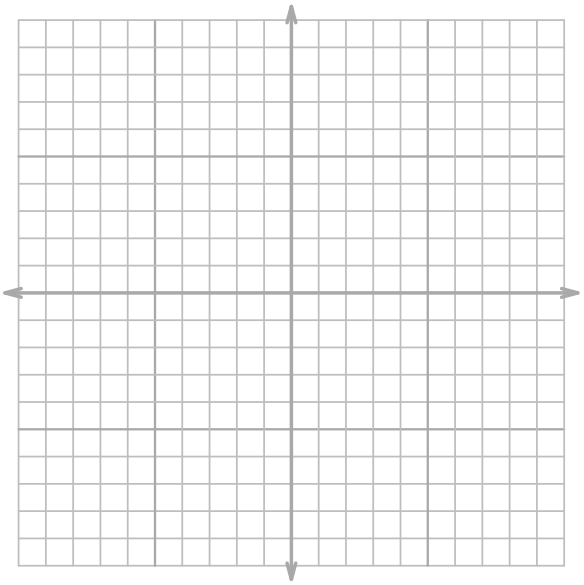
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-2)^2}{36}+\frac{(y-3)^2}{25}=1$$

Question 4

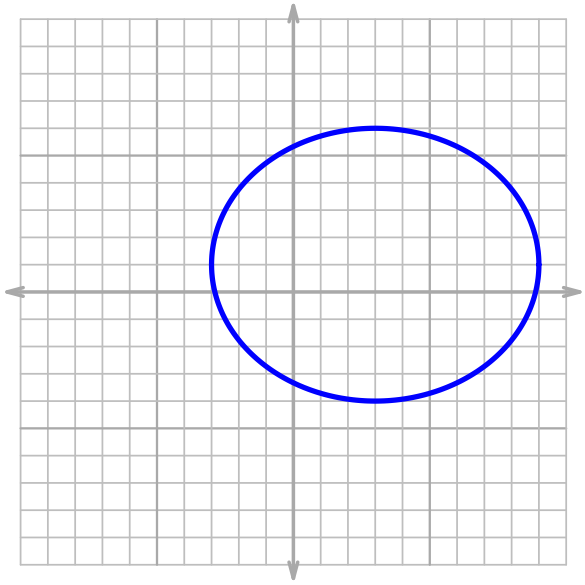
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-3)^2}{16}+\frac{(y+1)^2}{36}=1$$

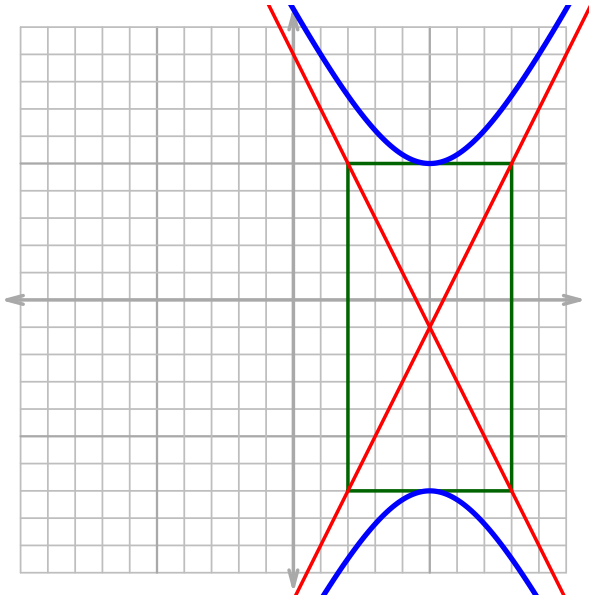
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



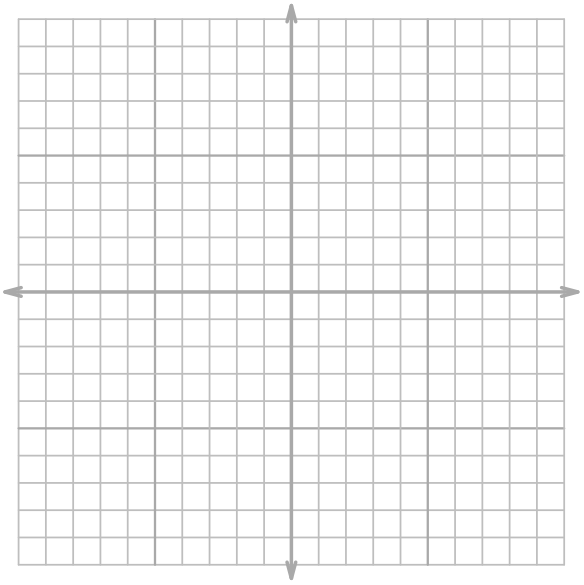
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

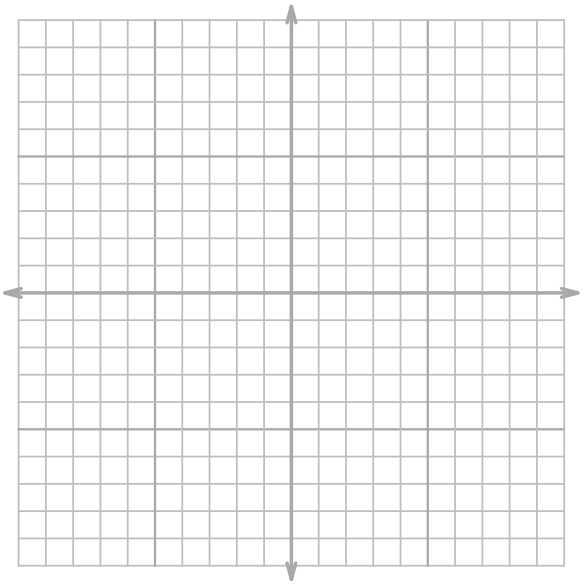
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-6)^2}{4}+\frac{(y+5)^2}{16}=1$$

Question 4

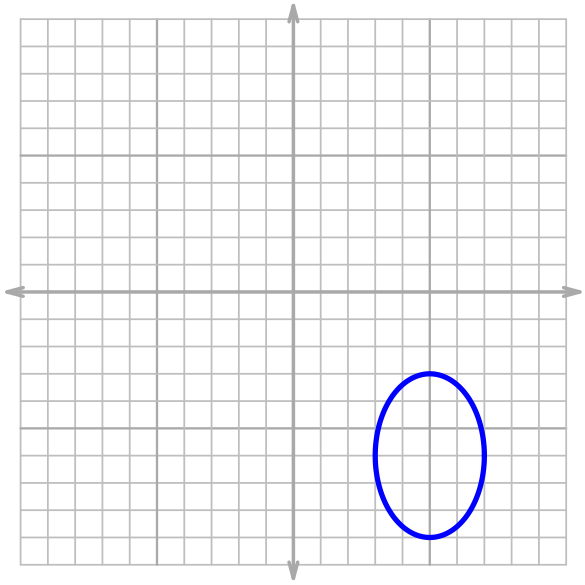
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{64}-\frac{(y+4)^2}{4}=1$$

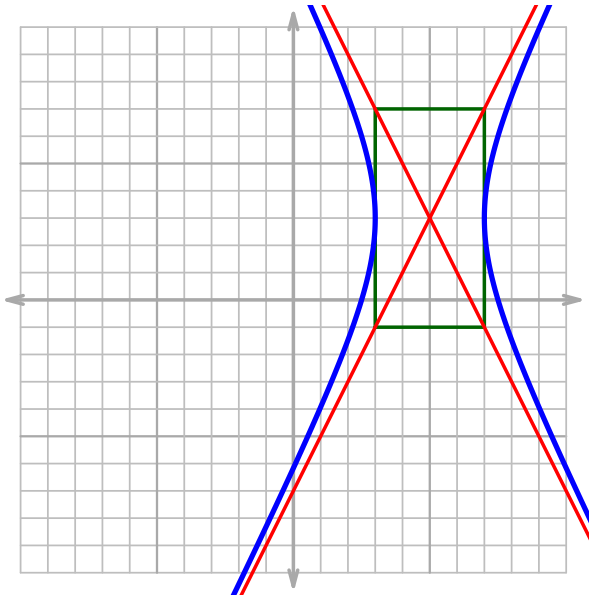
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



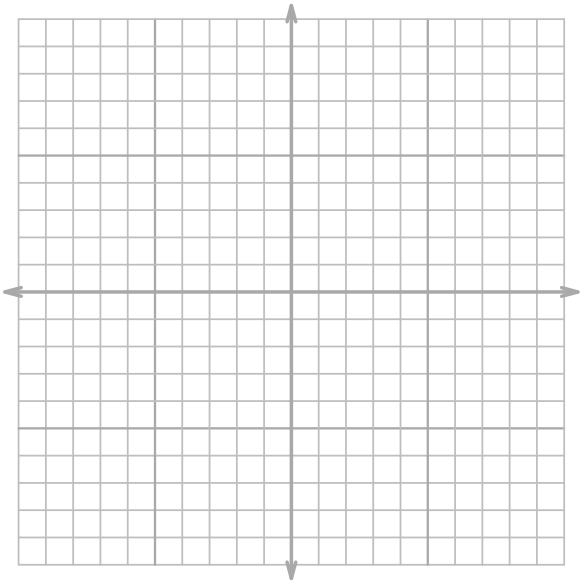
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

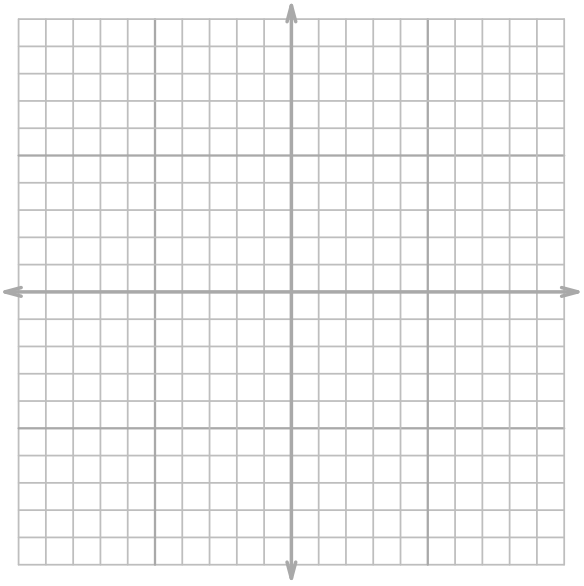
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+2)^2}{16}+\frac{(y-1)^2}{9}=1$$

Question 4

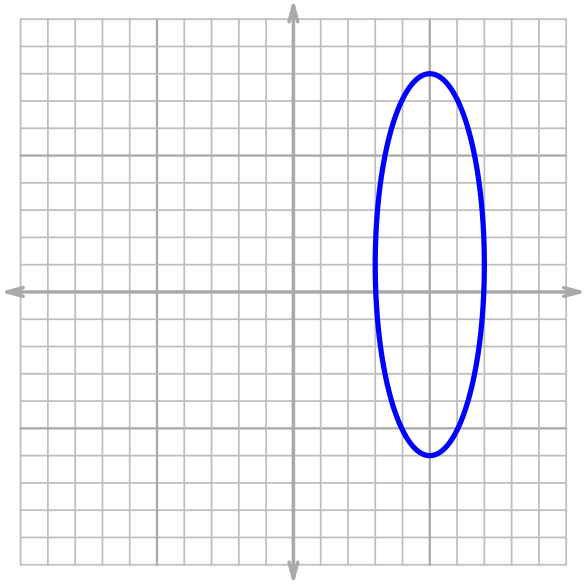
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-1)^2}{25}+\frac{(y-3)^2}{16}=1$$

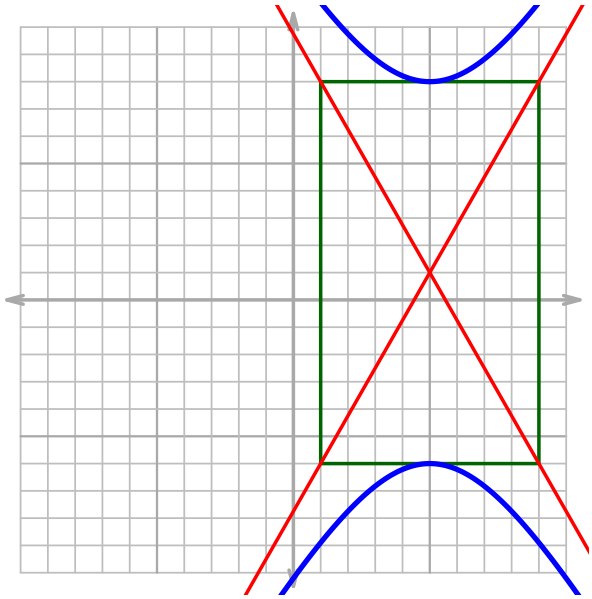
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



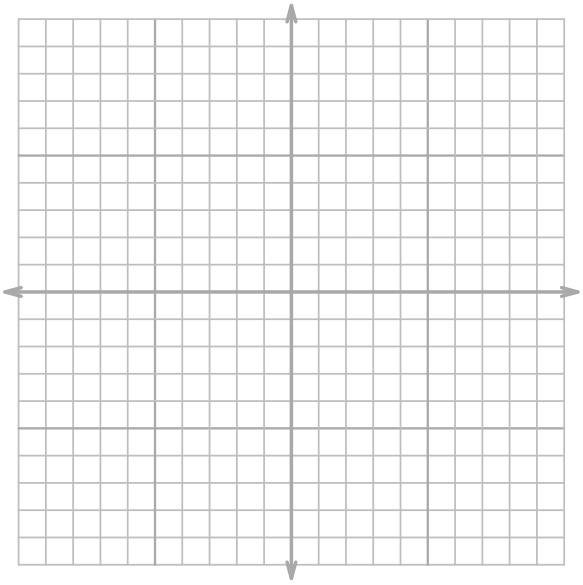
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

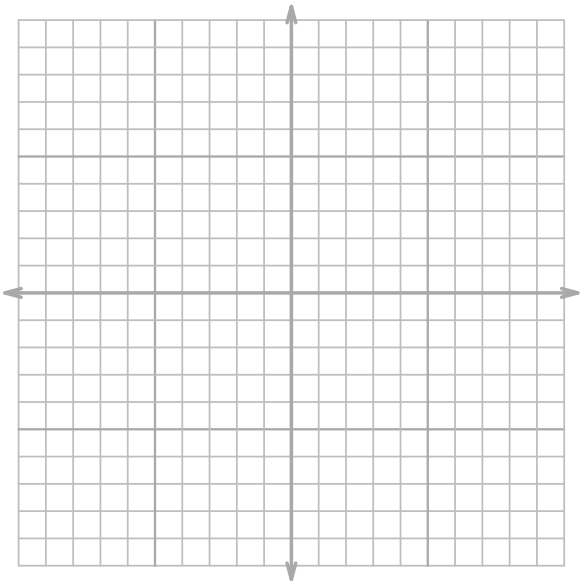
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+3)^2}{36}+\frac{(y-7)^2}{4}=1$$

Question 4

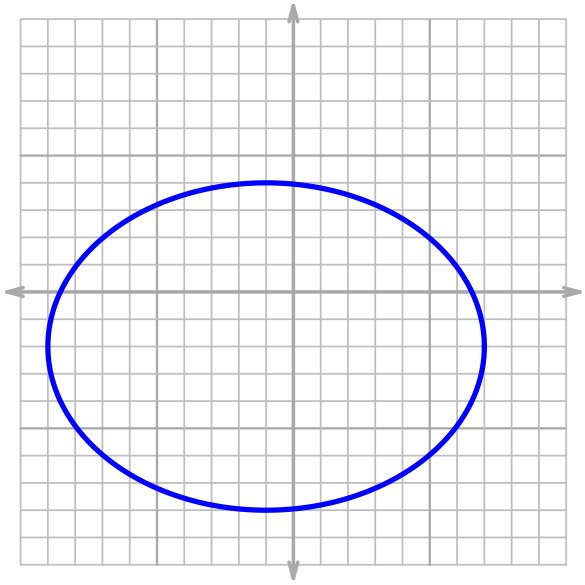
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+2)^2}{25}-\frac{(y+3)^2}{16}=1$$

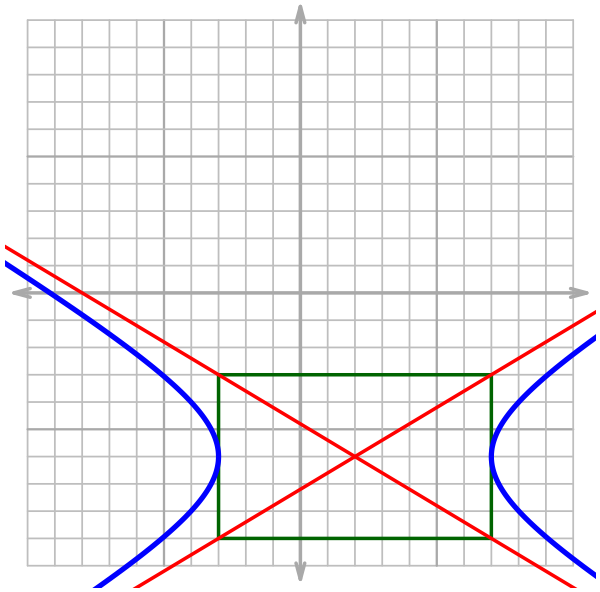
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



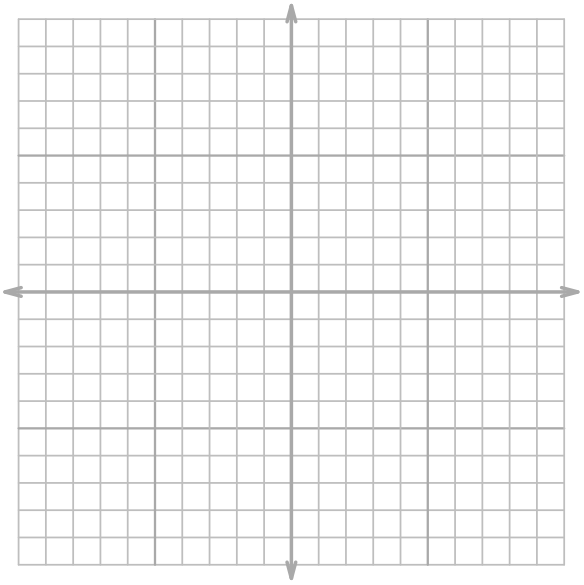
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

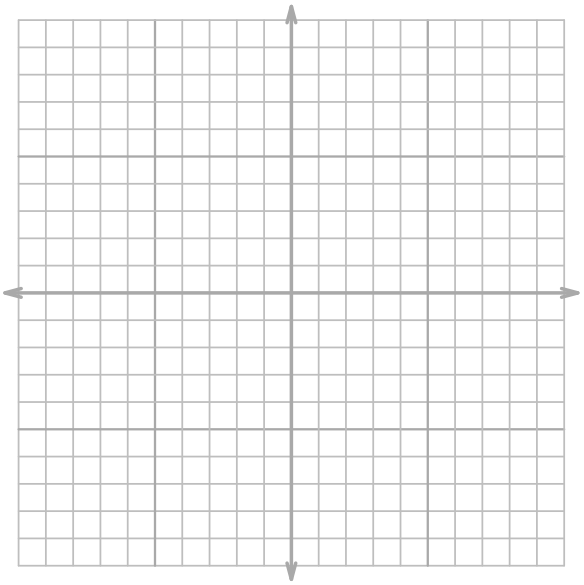
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$-\frac{(x-5)^2}{9}+\frac{(y-1)^2}{4}=1$$

Question 4

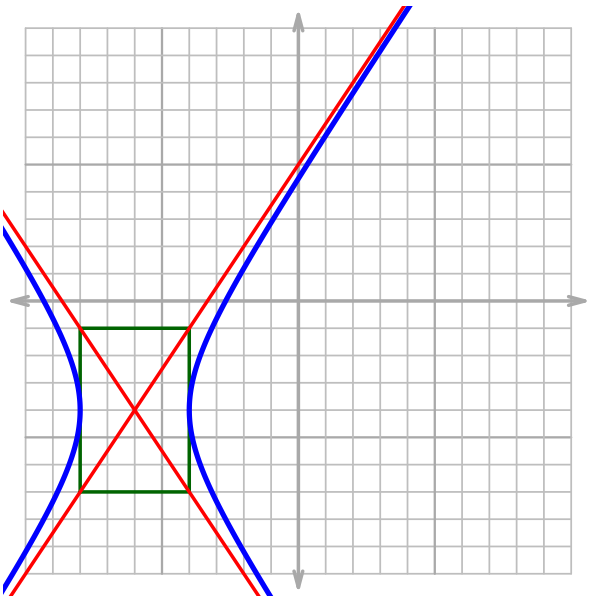
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{49}+\frac{(y-3)^2}{4}=1$$

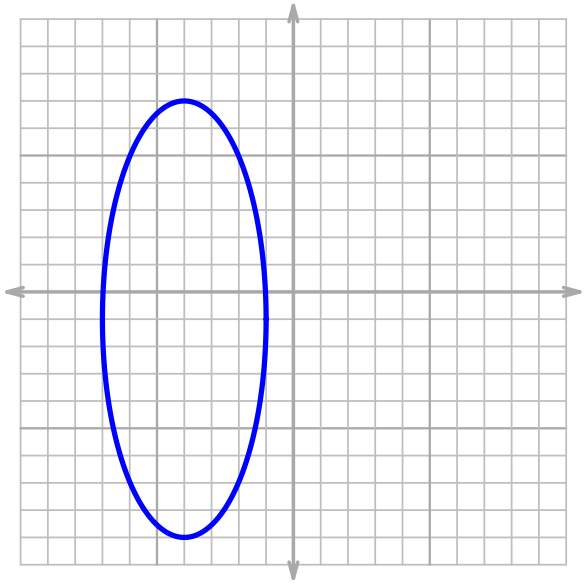
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



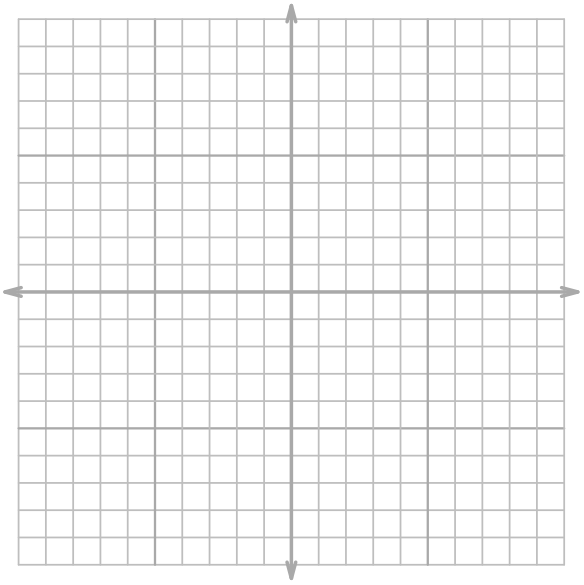
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

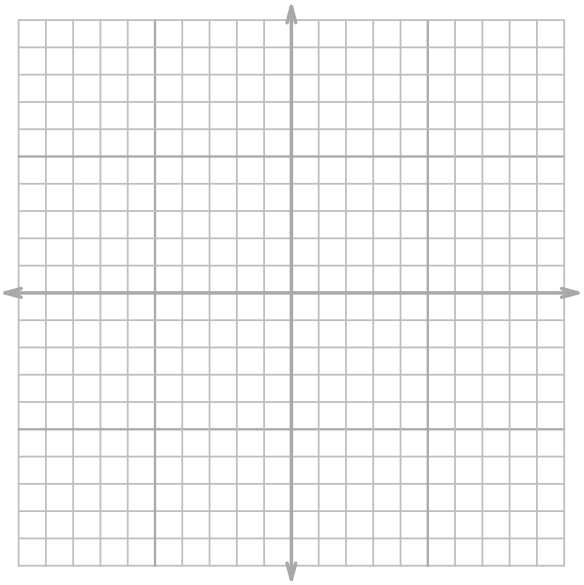
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+4)^2}{9} - \frac{(y-2)^2}{25} = 1$$

Question 4

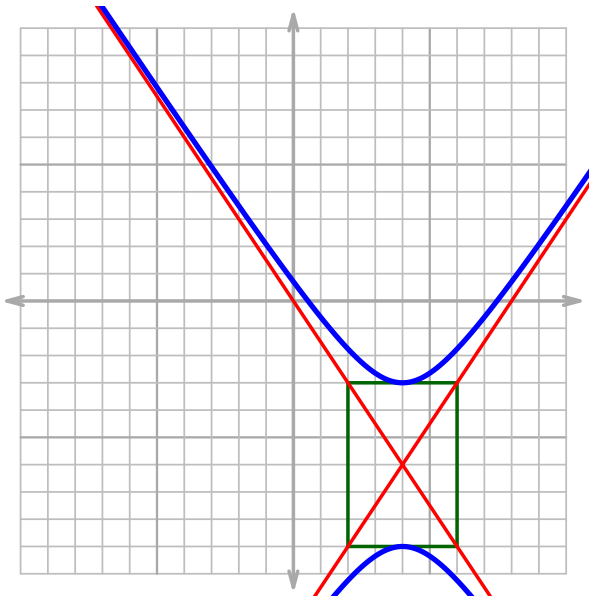
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+1)^2}{36} + \frac{(y+5)^2}{9} = 1$$

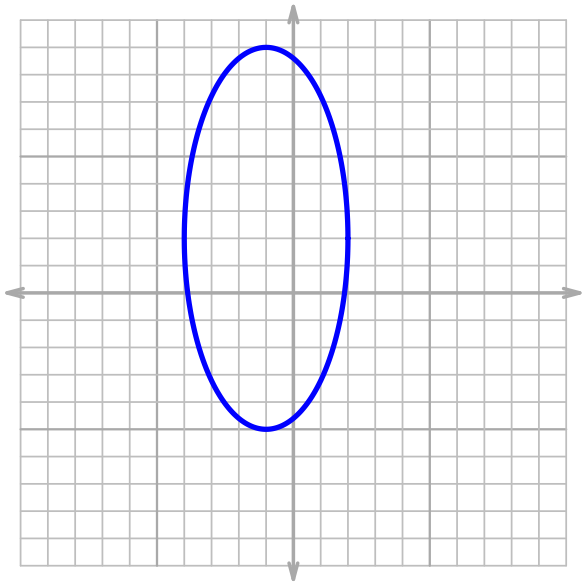
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



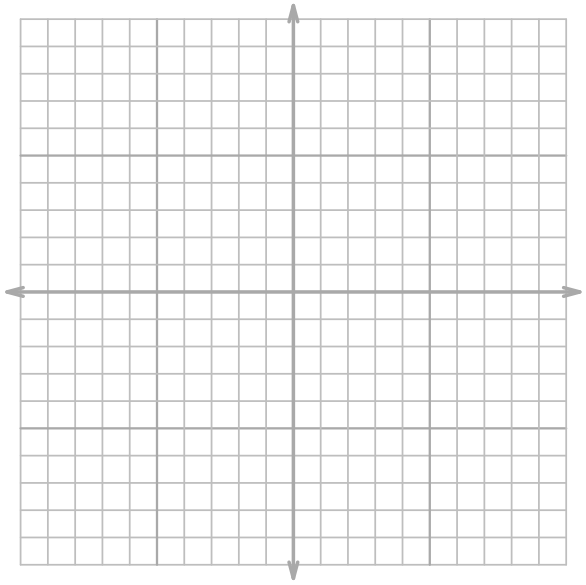
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

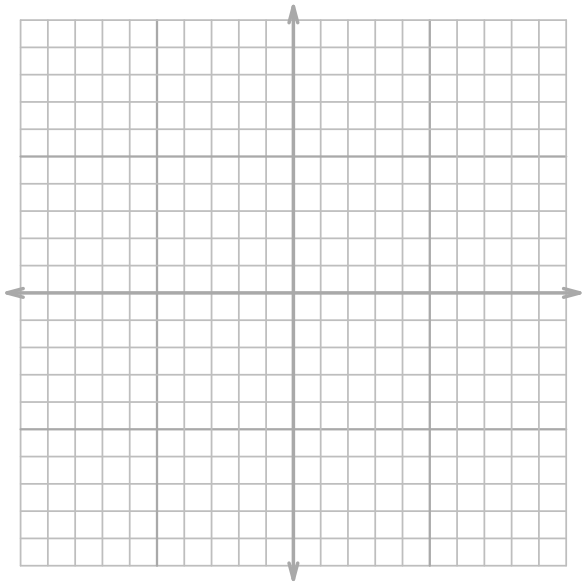
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+3)^2}{4} - \frac{(y+1)^2}{36} = 1$$

Question 4

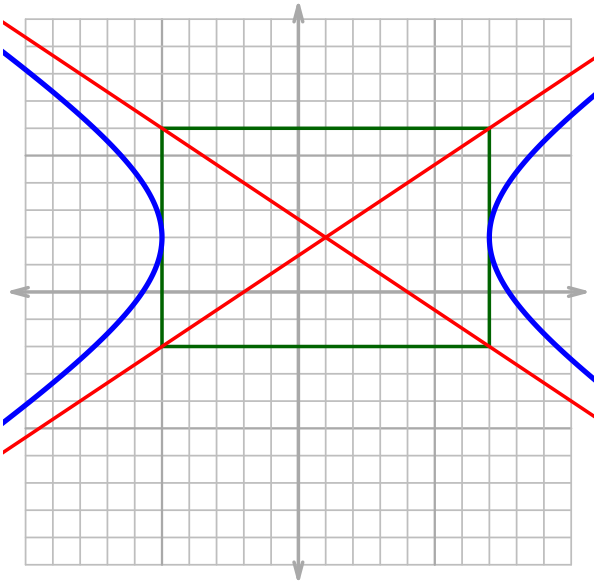
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x+3)^2}{36} + \frac{(y+1)^2}{16} = 1$$

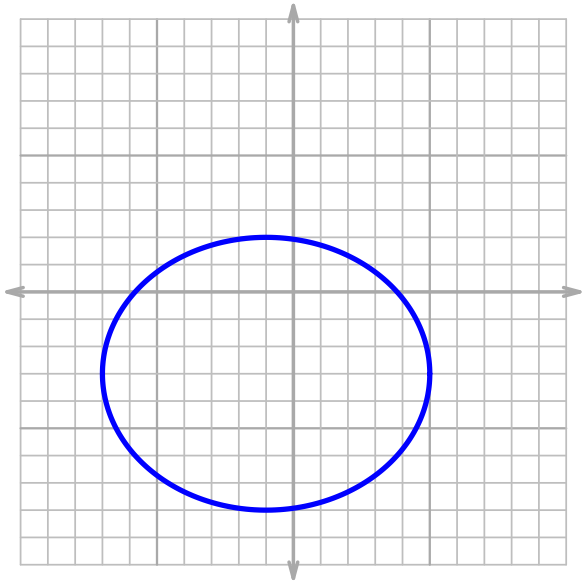
Question 1

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



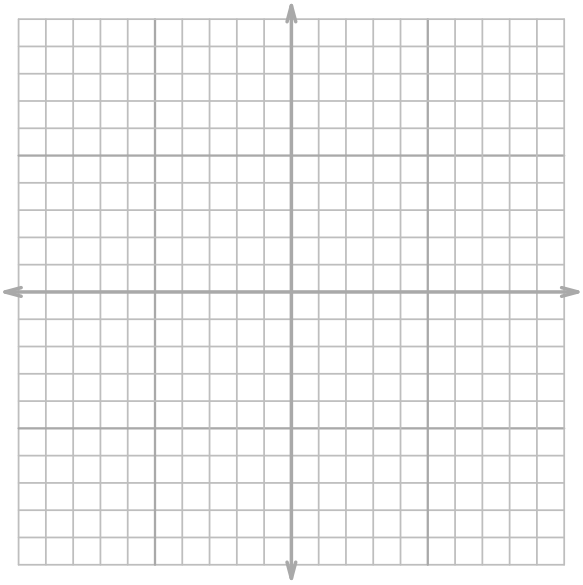
Question 2

Please write the equation of the conic section graphed below. You can assume all vertices and co-vertices are on integer gridpoints.



Question 3

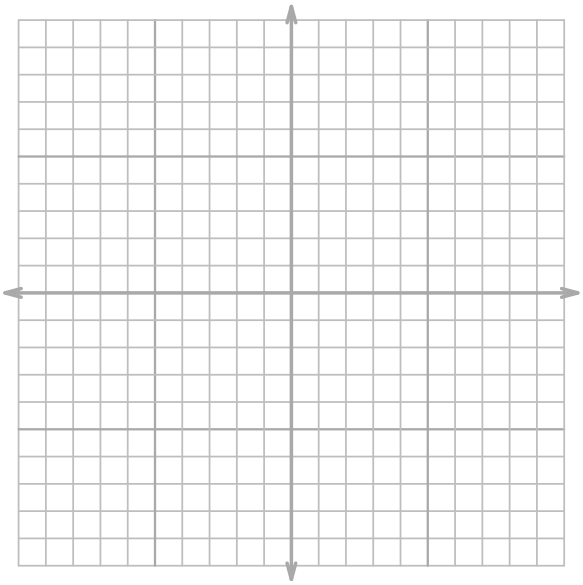
Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-1)^2}{49}+\frac{(y+6)^2}{9}=1$$

Question 4

Graph the conic section represented by the equation. For a hyperbola, please include the central rectangle and the asymptotes.



$$\frac{(x-3)^2}{36}-\frac{(y-7)^2}{4}=1$$